

In the Specification:

Kindly amend the paragraph at page 3, line 27 to page 4, line 2 as set forth below:

There are several problems associated with systems that utilize OFDM modulation techniques. For example, the channel is subject to fading due to multipath and path loss. Additionally, the channel suffers from ISI which poses a problem at the receiver when data has to be detected. Furthermore, ~~manufacturers manufacture~~ of devices that transmit and receive data are always faced with the challenge of increasing the amount of and the rate at which information can be transmitted over a finite bandwidth while overcoming signal loss due to channel noise.

Kindly amend the paragraph at page 5, lines 14-24 as set forth below:

Referring now to Fig. 1, a communication system 10 is shown having a transmitter 14, a channel 16, and a receiver 18, wherein the system 10 utilizes a Partial Response (PR)-Orthogonal Frequency Division Multiplexing (OFDM) signal modulation technique. The transmitter 14 includes a mapper 22, a cyclic convolver (also referred to as a "cyclic convolver unit" or "cyclic convolution unit") 24, a serial-to-parallel converter unit 26, an Inverse Fast Fourier Transform (IFFT) unit 28, a parallel-to-serial converter unit 30, and prefix unit 32. The transmitter 14 transmits the information to the receiver 18 through the channel 16. The channel 16 is a noisy channel. The receiver 18 includes a serial-to-parallel converter unit 34, a Fast Fourier Transform (FFT) unit 36, a parallel-to-serial converter unit 38, a Maximum Likelihood (ML) estimator unit 40, and a demapper unit 42.